



## GENERATING SET MODEL (YP800)

Output Ratings	Prime	Standby
380-415V, 3ph, 50Hz, 1500 rpm	800 KVA	900 KVA
	640 KW	720 KW
480V, 3phm 60Hz, 1800 rpm	844 KVA	938 KVA
	675 KW	750 KW

Applicable Voltages: 220/127 V at 60 Hz only (Consult your dealer for more details) Ratings at 0.8 Power Factor

## ENGINE / TECHNICAL DATA

Engine Make	Perkins	
Engine Model	4006-23TAG3A	
Governing Class	ISO 8528-5 G2	
Number of Cylinders	6	
Cylinder Arrangement	Vertical line	
Bore and Stroke mm	160 x 190	
Displacement / Cubic Capacity liters	22.921	
Induction System	Turbocharged and air to air charge cooled	
Cycle	4 stroke	
Combustion System	Direct Injection	
Compression Ratio	13.6:1	
Rotation	Anti-clockwise (viewed on flywheel)	
Cooling System	Water – cooled	
Frequency and Engine Speed	50Hz & 1500rpm	60Hz & 1800rpm
	Prime Standby	Prime Standby
Gross Engine Power kW (hp)	705 (945)	786 (1054)

## FUEL SYSTEM

Fuel Consumption l/hr(US gal/hr)	Engine Speed	1500 rpm	1800 rpm
	Standby	212 (194)	230 (224)
	Prime Power	210 (172)	226 (200)
	75% of Prime Power	210 (130)	214 (144)
	50% of Prime Power	213 (90)	205 (96)
Fuel Tank Open /Close		1800 L / 1800 L	

## DIMENSIONS AND WEIGHT

Generator Type	Length mm	Width mm	Height mm	Weight kg
Open Type	4250	1700	2170	6300
Close Type	6000	2400	2400	9420

## GEN-SET CANOPY SPECIFICATIONS (OPTIONAL)

Canopy Type	20ft Container
Anticorrosive Protection	Heat treated Galvanized Metal sheets
Access Doors	4
Drainage	Fuel & Water drainage
Noise Level	66 dbA @ 7 meter
Cable Access	Cable Inlet and Outlet
Emergency Stop	External Emergency Puch Button

## ALTERNATOR DATA

Make	Leroy Somer - TAL
Model	LSA-TAL049C
No. of Bearings	1
Insulation Class	H
Total Harmonic Content	<4%
Wires	12
Ingress Protection	IP23
Excitation System	AREP
Winding Pitch	2/3 (n° 6S)
AVR Model	R450
Overspeed	2250 mn-1
Voltage Regulation (steady)	± 0.5%

AREP & PMG Excitation System Available as Optional.

## CONTROL PANEL



Make	Deep Sea
Model	DSE6110

Disclaimer : Younus Power Services have made efforts to ensure that the information in this data sheet is accurate but reserve the right to amend specifications and information without notice and without obligation or liability.